

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a reinforced structure for collapsible and wind resistible umbrella comprising a telescoping backbone, an upper and a lower nests, a plurality of
5 multi-sectionalized main umbrella ribs and auxiliary ribs, a first and a second umbrella covers, and a plurality of resilient bands. An elaborately designed jointing technique is applied to joint these main and auxiliary ribs so as to substantially
10 reinforce the mechanical strength of the umbrella to withstand the wind force. The last section of each main rib divided into parallelly laid, shorter first subsection and longer second subsection makes it possible to lay two umbrella covers in a manner leaving a fissure therebetween so as to release the
15 wind flowing out. Furthermore a resilient band is provided between each first subsection of the main rib and the second umbrella cover that contributes to keeping a definite separation between the first and second subsections of the main rib so as to prevent the umbrella from overturning.